MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

AUGUST, 1927

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

AUGUST 1927

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sunshine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	756.6	756.6	757.0	756.7	31.1	24.2		13.0	
2	7.5	7.6	9.2	8.1	31.1	23.3		12.9	
3	7.1	6.9	7.4	7.1	31.0	24.4		12.4	
4	5.7	6.3	5.1	5.7	31.1	23.8		12.8	
5	4.5	4.5	6.6	5.5	31.9	25.0		12.8	
6	756.5	756.2	756.9	756.5	31.4	23.9		12.7	
7	6.7	6.8	7.9	7.1	30.3	23.9		12.0	
8	6.7	7.6	6.4	6.9	30.8	23.8		12.5	
9	5.6	5.1	5.5	5.4	32.0	23.6		12.8	
10	6.6	4.8	4.9	5.4	32.5	24.2		12.6	
11	753.7	754.0	754.1	753.9	32.9	24.3		12.5	
12	5.2	3.3	3.4	4.0	32.2	25.6		11.5	
13	3.4	3.8	4.1	3.8	32.2	25.0		12.2	
14	4.4	4.4	4.7	4.5	32.3	24.4		12.5	
15	3.9	3.4	3.8	3.7	32.8	24.2		12.8	
16	754.2	754.1	754.9	754.4	32.2	23.6		12.8	
17	5.5	5.6	6.0	5.7	32.2	23.3		12.7	
18	6.0	5.6	5.5	5.7	31.6	24.4		12.5	
19	5.2	3.9	3.7	4.3	31.2	25.0		8.0	
20	3.5	3.4	3.5	3.5	31.6	25.9		12.5	
21	754.9	754.5	755.5	755.0	31.7	25.6		11.5	
22	5.9	5.9	6.5	6.1	31.7	24.7		12.4	
23	6.3	5.6	6.1	6.0	32.2	24.7		11.8	
24	6.2	6.0	6.8	6.3	31.8	25.3		11.0	
25	7.0	6.8	7.4	7.1	32.2	25.6		11.0	
26	757.4	754.7	757.6	756.6	31.7	25.3		11.5	
27	7.0	6.4	6.2	6.5	30.8	23.9		12.0	
28	5.5	5.1	5.7	5.4	30.8	24.6		12.0	
29	6.6	7.1	7.8	7.2	32.3	24.6		10.2	
30	8.3	7.8	7.6	7.9	31.7	24.4		11.5	
31	8.2	6.8	6.8	7.3	31.3	24.6		11.8	
	755.8	755.5	755.9	755.7	32.7	24.5		12.0	

BAROMETER

Maximum 759.2 on 2nd

Minimum 753.3 on 12th

THERMOMETER

Maximum 32.9 on 11th

Minimum 23.3 on 2nd & 17th

RAINFALL

Maximum 0 on

Number of days with rain 0, thunderstorms 0, gales 0.

AUGUST 1927

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	28.9	30.1	26.1	28.4	22.8	23.1	21.7	16.1	15.9	16.0	16.0	54	51	63	56
2	27.8	30.7	28.6	28.6	22.2	24.2	22.5	15.8	17.5	16.7	16.7	56	53	62	57
3	28.9	30.8	26.6	28.8	21.7	23.9	22.4	14.3	17.0	15.5	15.8	48	51	65	55
4	28.6	30.5	26.7	28.6	22.7	23.8	22.2	16.2	17.0	16.5	16.6	56	51	63	57
5	29.2	31.7	26.9	29.3	23.4	25.6	23.4	17.1	19.3	18.5	18.3	57	55	69	60
6	29.3	30.5	26.2	28.7	24.8	24.7	22.8	19.5	18.5	17 9	18.6	64	57	70	64
7	27.1	29.9	26.4	27.8	22.3	23.7	22.1	16.5	16.9	16.5	16.6	62	54	64	60
8	27.8	29.8	26.4	28.0	22.4	23.4	23.1	16.3	16.7	18.4	17.1	58	54	71	61
9	29.1	31.5	27.2	29.3	24.6	25.8	24.3	19.2	19.8	20.2	19.7	64	57	75	69
10	29.3	31.7	27.7	29.6	25.0	26.1	25.0	20.0	20.3	21.2	20.5	65	58	76	66
11	29.4	32.2	27.7	29.8	25.0	26.7	25.1	19.9	21.2	21.3	20.8	64	59	77	67
12	30.0	31.9	27.7	28.6	26.1	26.7	25.6	21.7	21.4	22.3	21.8	68	60	80	69
13	29.4	31.9	27.7	29 7	25.6	26.7	25.1	21.1	21.4	21.5	21.3	68	60	78	69
14	28.9	32.0	27.4	29.4	25.6	25.1	23.8	21.5	18.2	19.0	19.6	72	52	70	65
15	29.4	32.8	27.2	29.8	25.6	26.1	24.0	21.2	21.2	19.5	20.6	68	59	73	67
16	29.3	31.7	26.3	29.1	24.9	25.6	23.9	19.7	19 3	20.0	19 6	65	55	78	66
17	28.6	31.7	27.8	29.4	23.8	25.6	24.1	18.1	19.3	19.3	18.6	61	55	70	62
18	28.9	30.3	27.2	28.8	24.4	25.4	24.4	19.1	20.1	20.2	19.8	64	61	76	67
19	29.6	29.7	26.8	28.7	25.1	25.0	24.4	20.0	19.7	20.6	20.1	64	63	79	69
20	29.7	30.6	27.8	29.4	25.3	25.7	25.3	20.4	20.4	22.1	21.0	64	62	83	70
21	29.7	30.8	27.2	29.2	25.6	25.9	25.1	20.8	20.6	21.7	21.0	66	62	81	70
22	29.4	31.7	27.5	29.5	25.8	25.8	24.8	21.6	19.7	20.9	20.7	70	56	76	67
23	29.3	30.8	27.3	29.1	24.9	25.3	24.3	19.7	19 4	20.1	19.7	65	58	74	66
24	29.4	31.9	27.7	29.7	25.3	25.9	24.3	20.6	19.9	18.9	19.8	67	56	72	65
25	29.3	31.7	26.8	29.3	24.1	24.4	23.6	18.1	17.2	18.9	18.1	59	49	72	60
26	29.7	30.1	27.2	29.0	23.9	24.4	23.9	17.6	18.3	19.2	18.4	56	58	72	62
27	28.3	30.3	26.6	28.7	24.2	25.4	24.2	19.0	20.1	20.5	19.9	66	61	79	69
28	29.2	31.7	27.3	29 4	24.1	25.9	23.8	18.6	19.9	19.1	19.2	64	57	72	64
29	28.9	30.4	26.8	28.7	24.3	24.8	23.7	18.9	18.7	19.2	18.9	63	58	72	64
30	28.9	30.6	26.5	28.7	23.9	24.4	23.9	18.2	18.0	20.0	18.7	60	55	77	64
31	28.3	30.5	27.2	28.7	24,2	25.6	24.4	18.4	20.3	20.9	19.7	66	70	80	72
	29.0	31.0	27.1	29.0	24.3	25.1	23.9	18.9	19.1	19.4	19.1	62.7	57.0	73.2	64.2

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1·70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30 31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Tim of 30th E. Meridian.

AUGUST 1927
METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	1str.cu	1	0	0.7	1	1se	0	142.2	calm	
2	1str.cu	2str.cu	6str.cu	3.0	1	2	1	90.4	,,	
3	1	3str.cu	1str.cu	1.7	1	1	1	156.4	,,	
4	3str.cu	2str.cu	1str.cu	2.0	2	2	1	158.0	,,	
5	1str.cu	3str.cu	1str.cu	1.7	2	2	0	265.5	v. slight	
6	1str.cu	1str.cu	0	0.7	1	0	1	120.6	calm	
7	1str.cu	5str.cu	3str.cu	3.0	2	2	0	127.9	,,	
8	3str.cu	1	0	1.3	0	1	1	104.1	,,	
9	1str cu	1str.cu	0	0.7	1	2	1	199.5	v. slight	
10	1	1	0	0.7	1	1	1	202.9	mod.	
11	0	1str.cu	0	0.3	1	2	2	228.4	slight	mist in mor.
12	1	0	1str.cu	0.7	1	2	1	226.9	mod.	mist in mor.
13	0	0	0	0.0	1	1	0	130.3	calm	mist in mor.
14	0	0	0	0.0	0	1	0	81.1	,,	
15	1	0	0	0.3	1	1	0	108.1	,,	
16	1str.cu	0	0	0.3	1	1	0	118.3	mod.	
17	1	1	8ni	3.3	0	1	2s	99.7	,,	
18	0	2str.cu	0	0.7	0	1	0	90.1	calm	
19	2str.cu	9ni	0	3.7	1	1w	0	91.1	,,	
20	0	1str.cu	0	0.3	0	1w	0	125.5	,,	
21	1str.cu	2str.cu	0	1.0	1	2s	0	140.0	mod.	
22	2str.cu	2str.cu	0	1.3	1	2	0	78.3	v. slight	
23	2str.cu	1	0	1.0	1	1s	0	102.9	mod.	
24	0	1str.cu	2ni	1.0	1s	1	1w	59.0	v. slight	mist in mor.
25	1str.cu	1	0	0.7	1	1	0	70.5	mod.	f.dr.rn.at nt.
26	2str cu	1	1str.	1.3	1	1s	0	140.0	,,	mist in mor.
27	0	1	1str.	0.7	1nw	1nw	0	139.9	calm	mist in mor.
28	1	1str.cu	0	0.7	2	2	0	169.7	v. slight	mist in mor.
29	1str.cu	8ni	0	3.0	1w	2w	1nw	201.1	mod.	
30	2str.cu	1	0	1.0	1w	1nw	0	122.3	,,	
31	3str.cu	2str.cu	2	2.3	1nw	1nw	1nw	142.2	,,	
				1 3				136.55		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	1	25	2	5	2
2:30	0	0	0	1	4	27	4	3	1
8.30	0	0	0	0	2	10	1	2	18
Totals	0	0	0	1	7	62	7	10	21

N. B. — Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw.